

Page 5, line 18, add section heading --DETAILED DESCRIPTION OF THE
PREFERRED EMBODIMENTS-- prior to the start of the paragraph beginning "Fig. 1 shows a
tyre 1 for a motor vehicle"

Delete the Abstract in its entirety and add a new Page 15 after the claims, adding the
following ABSTRACT OF THE DISCLOSURE. A new, separate Page 15 including the
ABSTRACT OF THE DISCLOSURE is enclosed.

--ABSTRACT OF THE DISCLOSURE

A device for continuously measuring deformations in a tyre mounted on a rim includes at
least one emitter, at least one reflecting element, and at least one optical sensor of luminous
intensity. The at least one emitter and the at least one optical sensor are disposed on the rim.
The at least one reflecting element is disposed on a portion of an inner surface of the tyre. The at
least one emitter emits a light beam toward the at least one reflecting element, the at least one
reflecting element reflects the light beam toward the at least one optical sensor, and the at least
one optical sensor receives the reflected light beam, measures a prechosen physical parameter
associated with the reflected light beam, and provides a signal representing a deformation of the
tyre on the portion of the inner surface of the tyre.--

IN THE CLAIMS:

Please cancel, without prejudice or disclaimer, claims 2-9, and add new claims 10-25, as
follows:

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